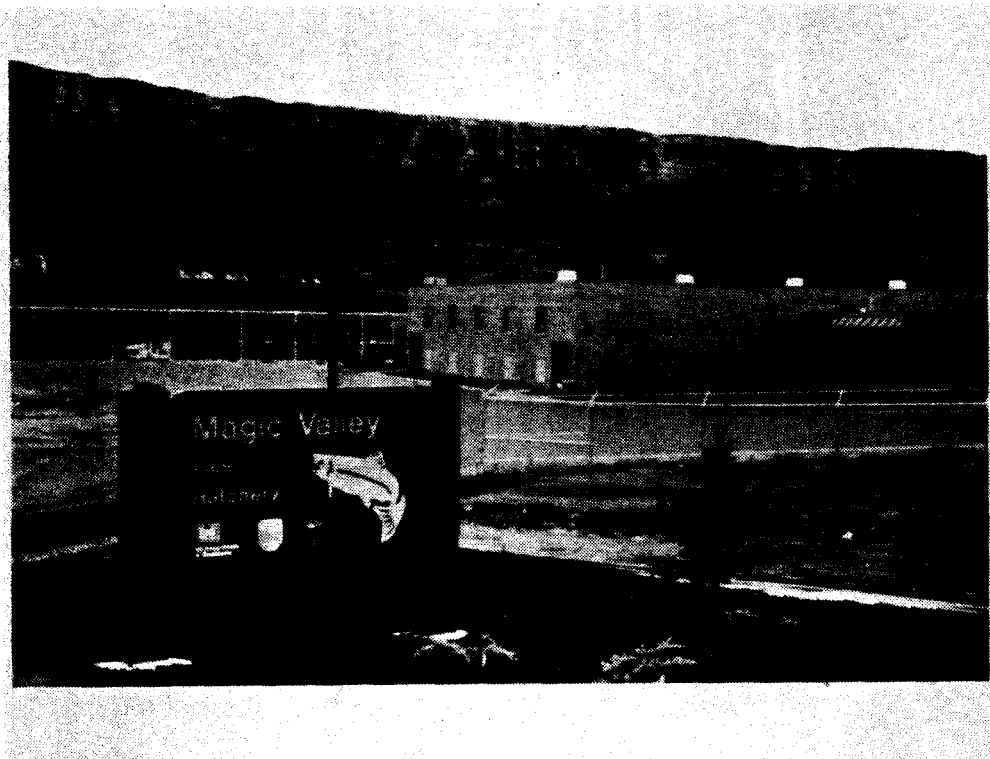




MAGIC VALLEY STEELHEAD HATCHERY ANNUAL REPORT

1986 BROOD YEAR
For Contract #14-16-0001-85504



By

Bud Ainsworth
Fish Hatchery Superintendent III

January 1988

TABLE OF CONTENTS

	<u>Page</u>
ABSTRACT	1
OBJECTIVES	2
INTRODUCTION	2
FISH PRODUCTION	2
HATCHERY CONSTRUCTION	2
ACKNOWLEDGEMENTS	3

ABSTRACT

The first phase of construction began at the Magic Valley Steelhead Hatchery site on the water collection system February 1985 and was completed in August 1985.

A and J Construction Company, Boise, Idaho, started the second phase of construction on the spring collection system and 42-inch spring water supply pipeline in September 1986 and completed it in May 1987.

The primary construction of the hatchery was started by Beneco Enterprises, West Valley, Utah, in March 1986; and it will be completed in July 1987.

The first "A" strain steelhead eggs are expected to arrive in June 1987 from Sawtooth Hatchery. Upon completion of the hatchery, its primary function will be to rear two million steelhead smolts per year for stocking in the Salmon River drainage.

Because of construction at Magic Valley, the Hagerman National Hatchery reared and released 264,415 "A" strain steelhead into the upper Salmon River in 1987.

Author:

Bud Ainsworth
Fish Hatchery Superintendent III

OBJECTIVES

1. To observe all phases of construction and develop a good working knowledge of the hatchery.
2. To assist in rearing steelhead trout at the Hagerman National Hatchery until construction at the Magic Valley Steelhead Hatchery is completed.
3. To hatch and rear two million steelhead trout smolts for stocking in the Salmon River drainage when hatchery construction is completed.

INTRODUCTION

Magic Valley Steelhead Hatchery is part of the Lower Snake River Compensation Plan (LSRCP), compensating for losses of anadromous fish caused by the lower Snake River dams. The hatchery site is located seven miles northwest of Filer in the Snake River Canyon on the south side of the river near the mouth of Cedar Draw Creek. Upon completion, the hatchery will receive 125 cfs of water from Crystal Springs, located on the north side of the river and piped to the hatchery site.

FISH PRODUCTION

Because of construction, there were no fish produced at the hatchery this year, but Hagerman National Hatchery produced and released 264,415 "A-strain" steelhead, weighing 60,215 pounds and averaging 4.39 per pound. These fish were transported to the upper Salmon River by a private carrier using the Corps of Engineers' semi-tank trailer.

HATCHERY CONSTRUCTION

Beneco Enterprises (prime contractor) continued with the primary construction of the hatchery, settling ponds, raceways, hatchery buildings, residences, control water tank, piping system, electrical system, feeding system, and landscaping.

A and J Construction Company, contractor for Phase II of the spring collection system, laid the 42-inch pipeline across the river, constructed the spring collection system, installed a boat ramp, erected the metal building housing the spring collection box, and dressed and seeded the disturbed area around the spring collection system.

The asphalt laying; some electrical work; piping; constructing the entrance road and parking area; completion of the bridge and feeding system; bird wire construction; and the final cleanup, dressing and grading of the area are the construction projects needing completion. These should be done, by July 1987.

ACKNOWLEDGEMENTS


Bud Ainsworth, Fish Hatchery Superintendent I11; Mike Graham, Fish Hatchery Superintendent II; and Scott Patterson, Fish Culturist.

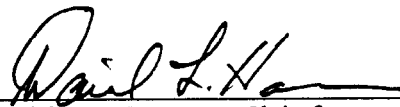
Submitted by:

Bud Ainsworth
Fish Hatchery Superintendent III

Approved by:

IDAHO DEPARTMENT OF FISH AND GAME


Jerry M. Conley, Director


David L. Hanson, Chief
Bureau of Fisheries


Steven Huffaker
Hatcheries Manager